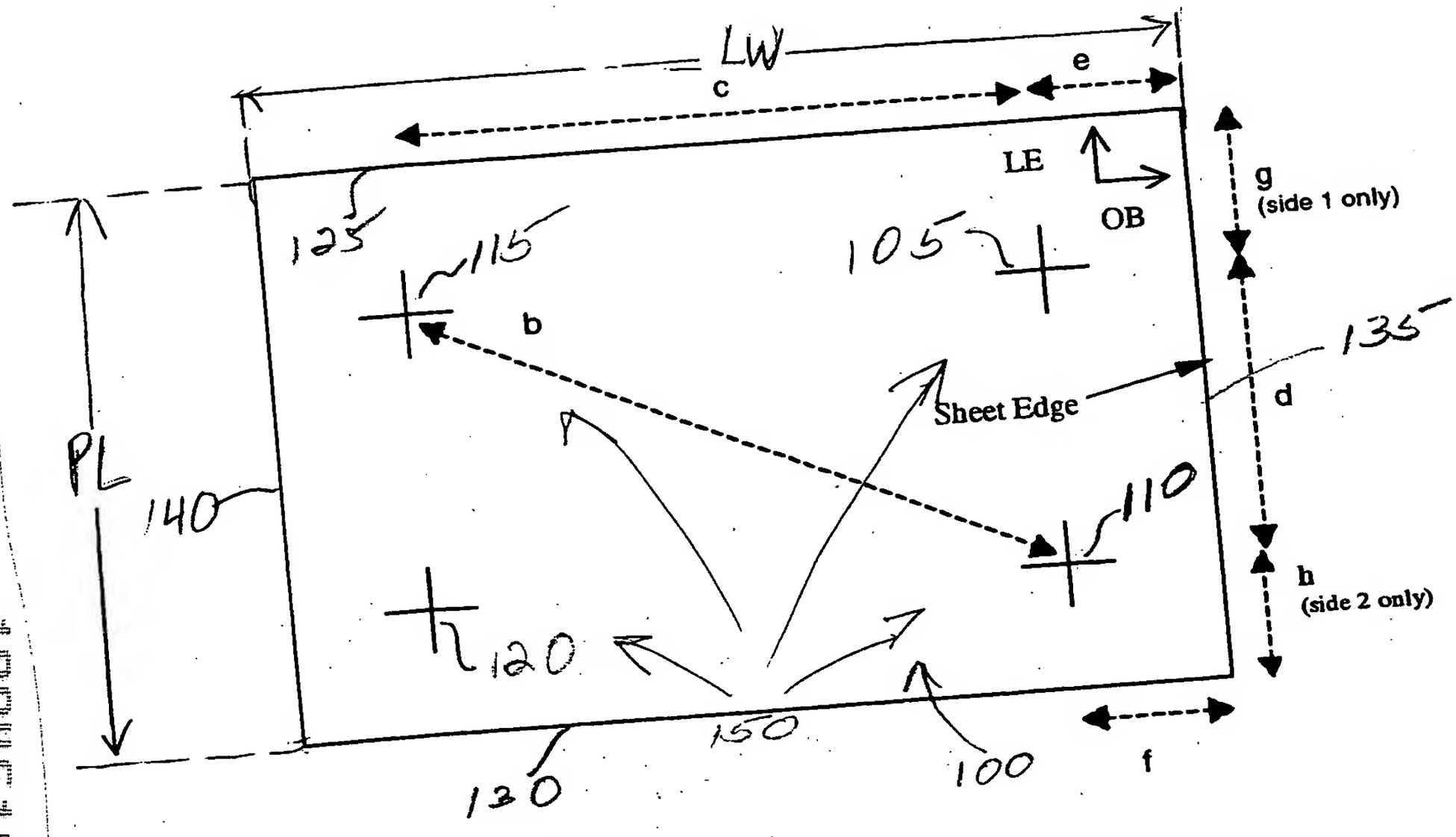

FIG. 1

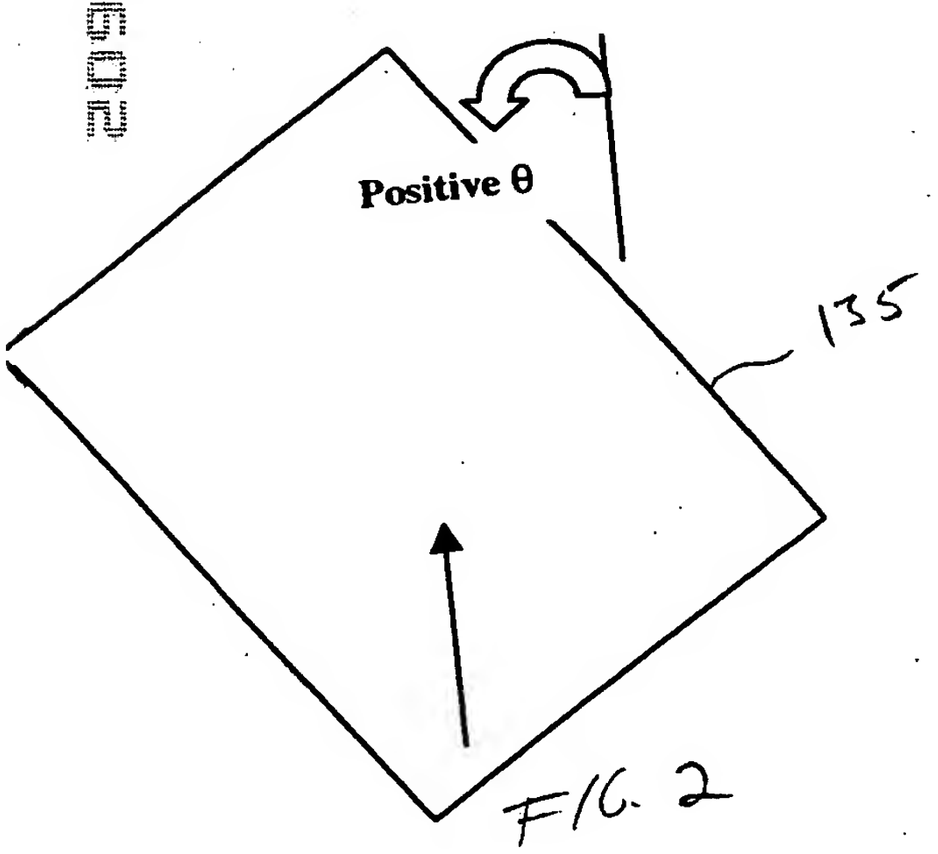

FIG. 2

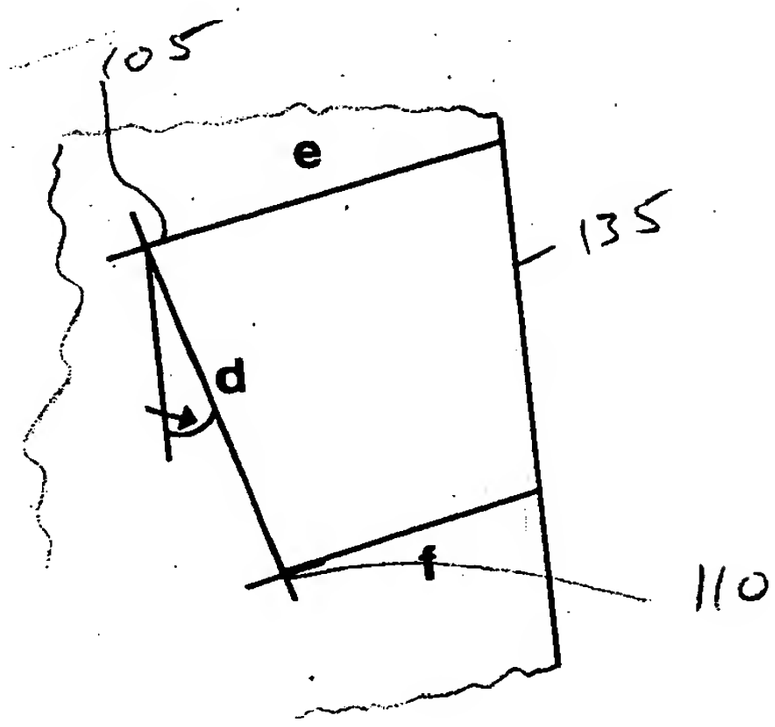

FIG. 3

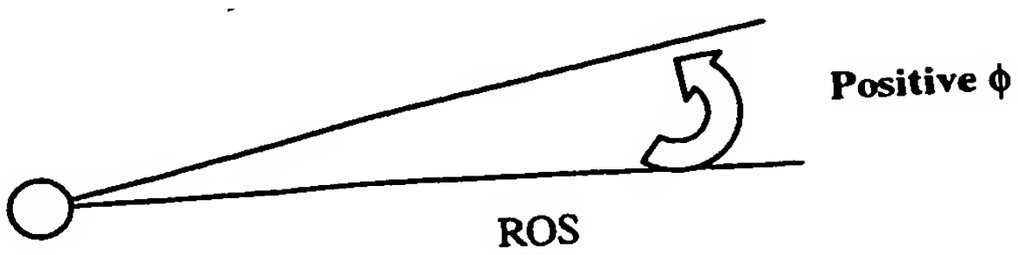

FIG. 4

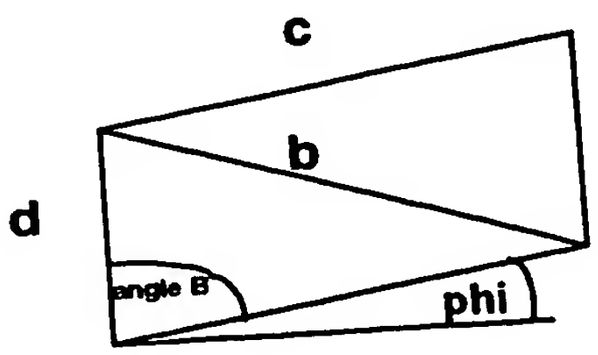

FIG. 5

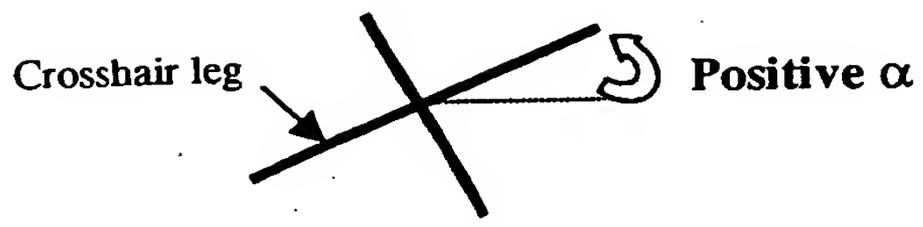

FIG. 6

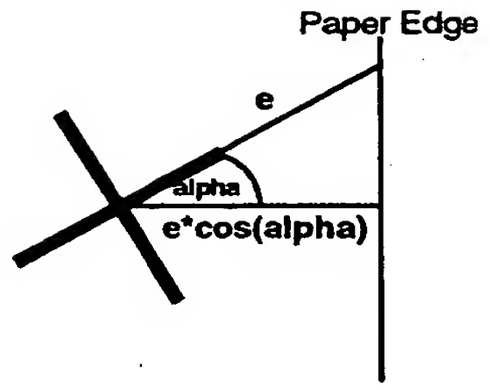

FIG. 7

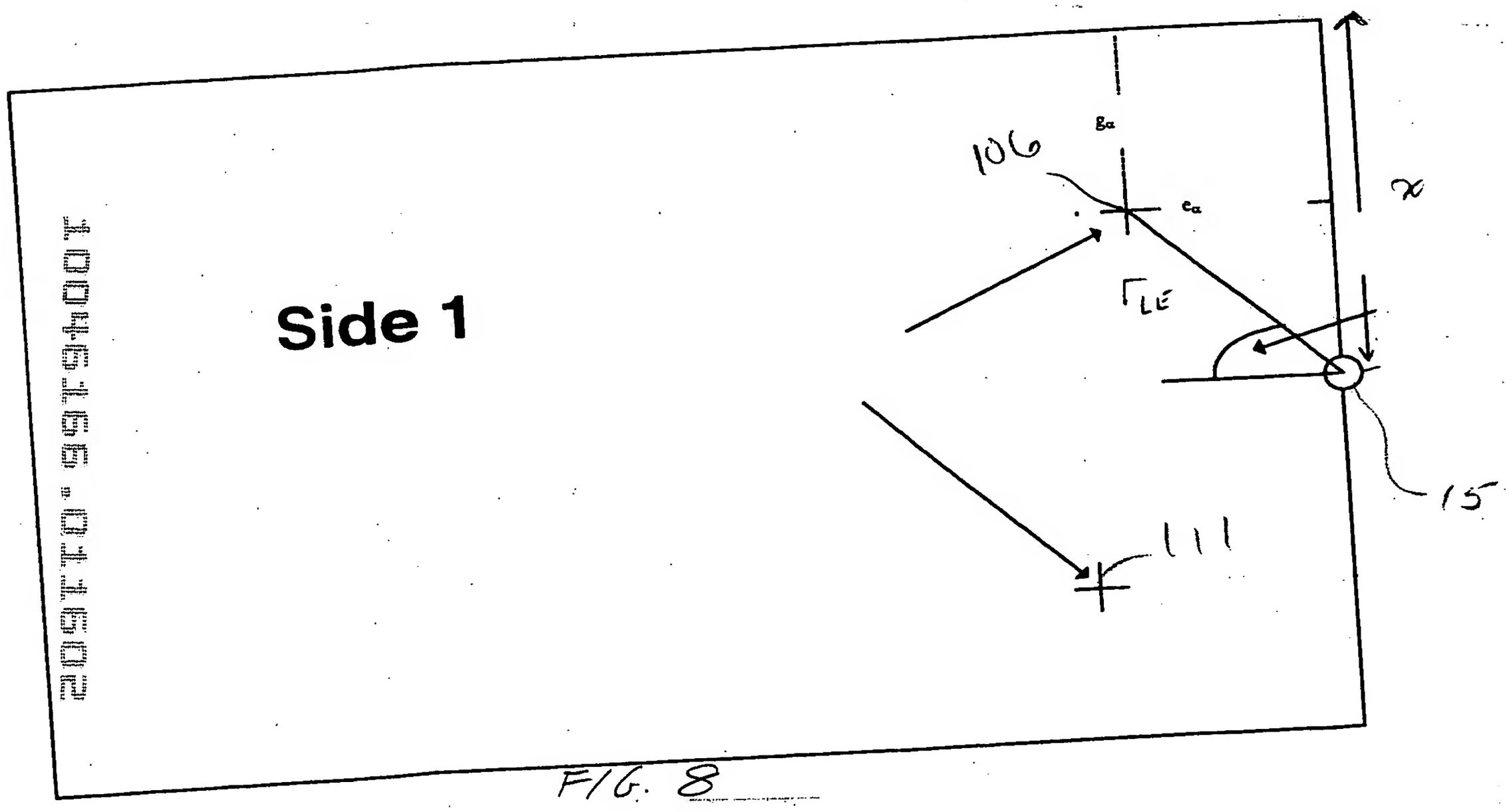

FIG. 8

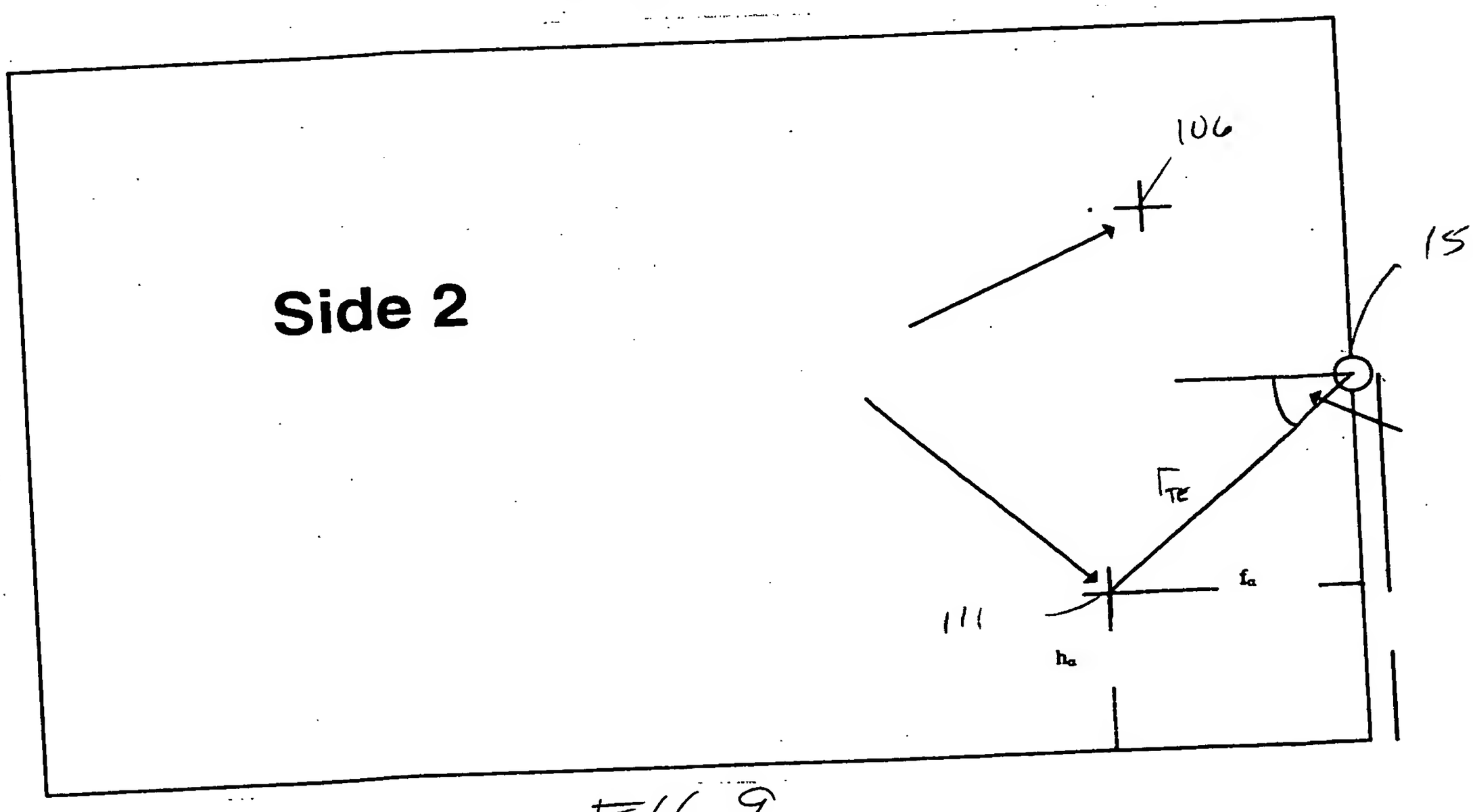

FIG. 9

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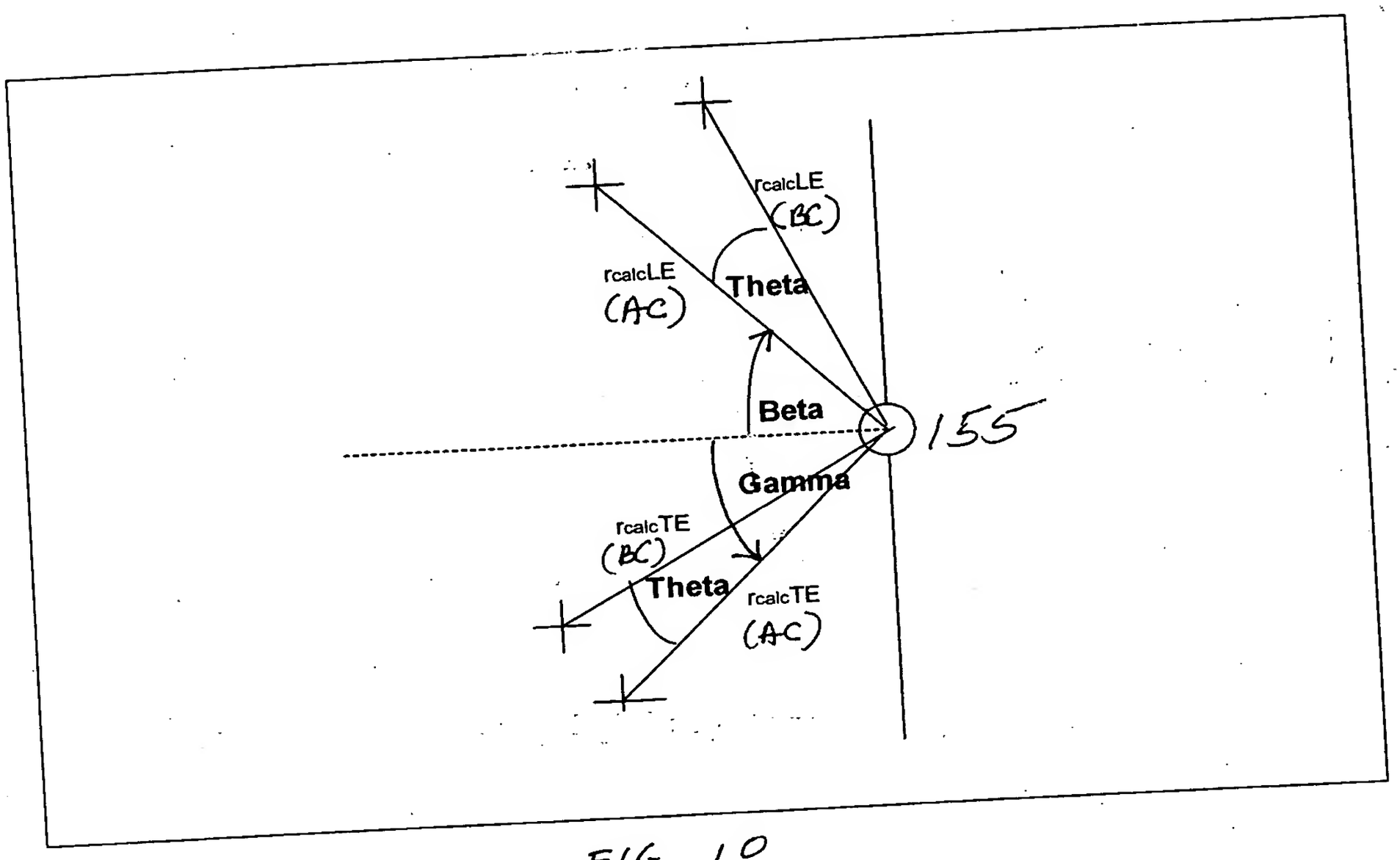

FIG. 10

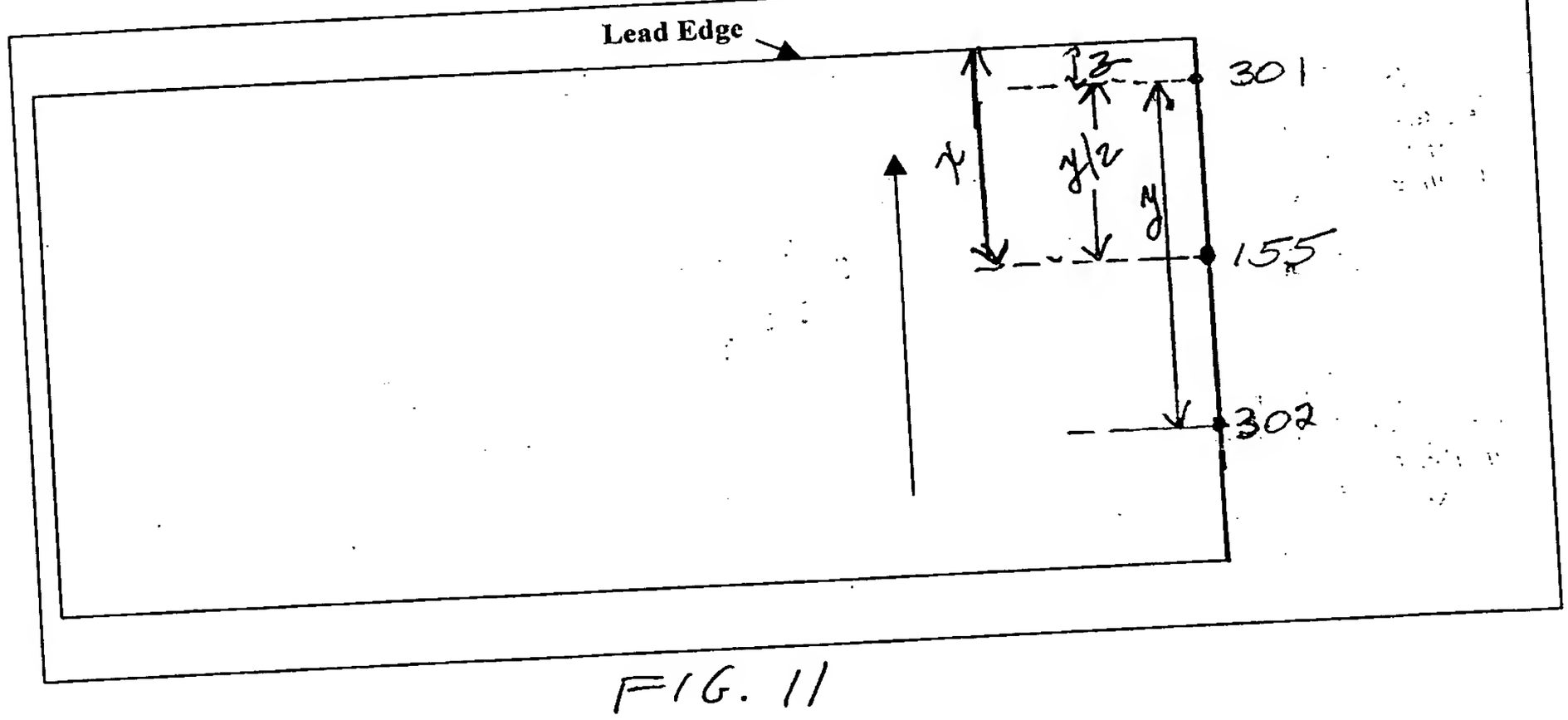

FIG. 11

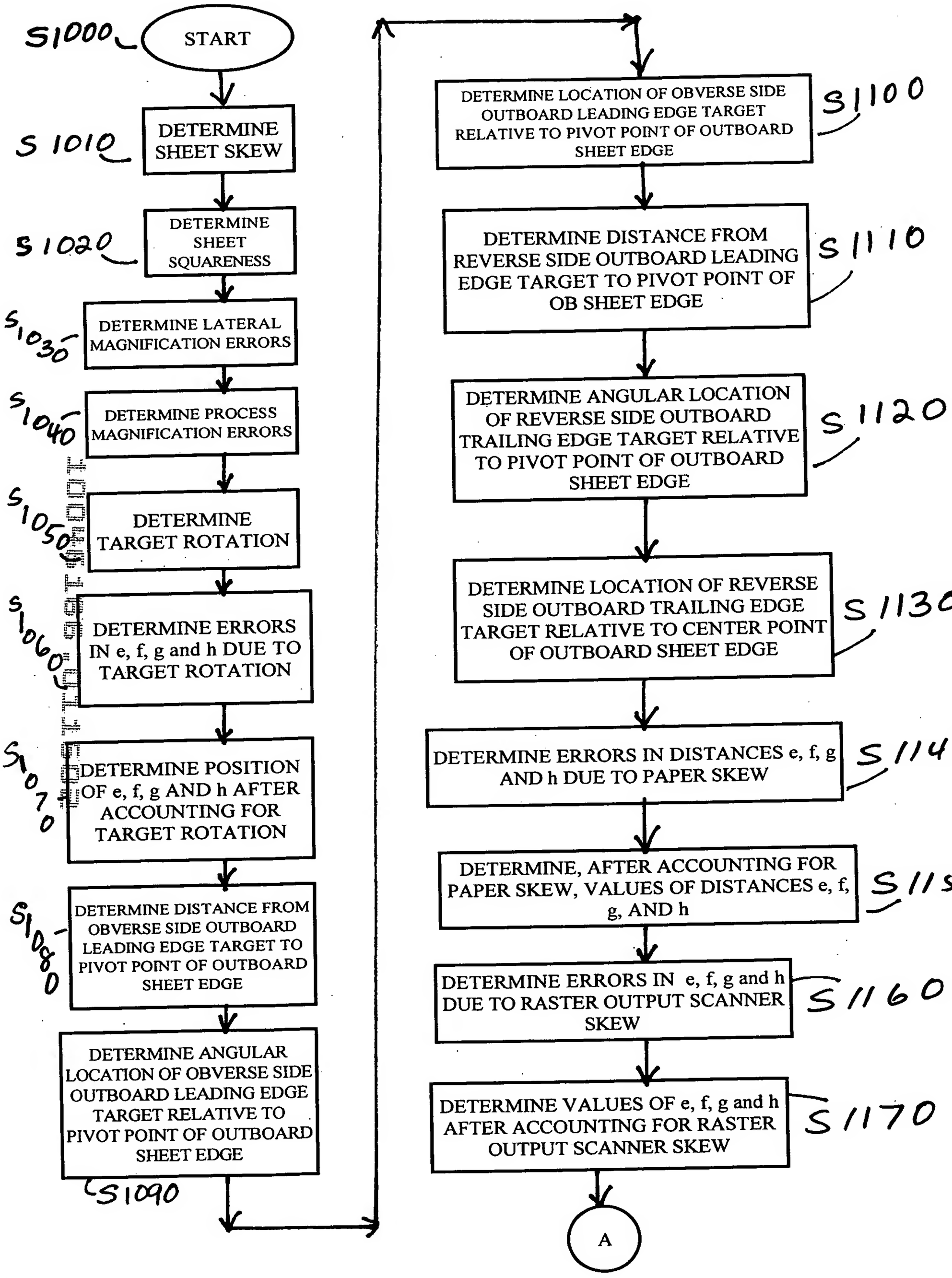
START
S1000
DETERMINE SHEET SKEW
S1010
DETERMINE SHEET SQUARENESS
S1020
DETERMINE LATERAL MAGNIFICATION ERRORS
S1030
DETERMINE PROCESS MAGNIFICATION ERRORS
S1040
DETERMINE TARGET ROTATION
S1050
DETERMINE ERRORS IN e, f, g and h DUE TO TARGET ROTATION
S1060
DETERMINE POSITION OF e, f, g AND h AFTER ACCOUNTING FOR TARGET ROTATION
S1070
DETERMINE DISTANCE FROM OBVERSE SIDE OUTBOARD LEADING EDGE TARGET TO PIVOT POINT OF OUTBOARD SHEET EDGE
S1080
DETERMINE ANGULAR LOCATION OF OBVERSE SIDE OUTBOARD LEADING EDGE TARGET RELATIVE TO PIVOT POINT OF OUTBOARD SHEET EDGE
S1090
DETERMINE LOCATION OF OBVERSE SIDE OUTBOARD LEADING EDGE TARGET RELATIVE TO PIVOT POINT OF OUTBOARD SHEET EDGE
S1100
DETERMINE DISTANCE FROM REVERSE SIDE OUTBOARD LEADING EDGE TARGET TO PIVOT POINT OF OB SHEET EDGE
S1110
DETERMINE ANGULAR LOCATION OF REVERSE SIDE OUTBOARD TRAILING EDGE TARGET RELATIVE TO PIVOT POINT OF OUTBOARD SHEET EDGE
S1120
DETERMINE LOCATION OF REVERSE SIDE OUTBOARD TRAILING EDGE TARGET RELATIVE TO CENTER POINT OF OUTBOARD SHEET EDGE
S1130
DETERMINE ERRORS IN DISTANCES e, f, g AND h DUE TO PAPER SKEW
S1140
DETERMINE, AFTER ACCOUNTING FOR PAPER SKEW, VALUES OF DISTANCES e, f, g, AND h
S1150
DETERMINE ERRORS IN e, f, g and h DUE TO RASTER OUTPUT SCANNER SKEW
S1160
DETERMINE VALUES OF e, f, g and h AFTER ACCOUNTING FOR RASTER OUTPUT SCANNER SKEW
S1170
A

FIG. 13A

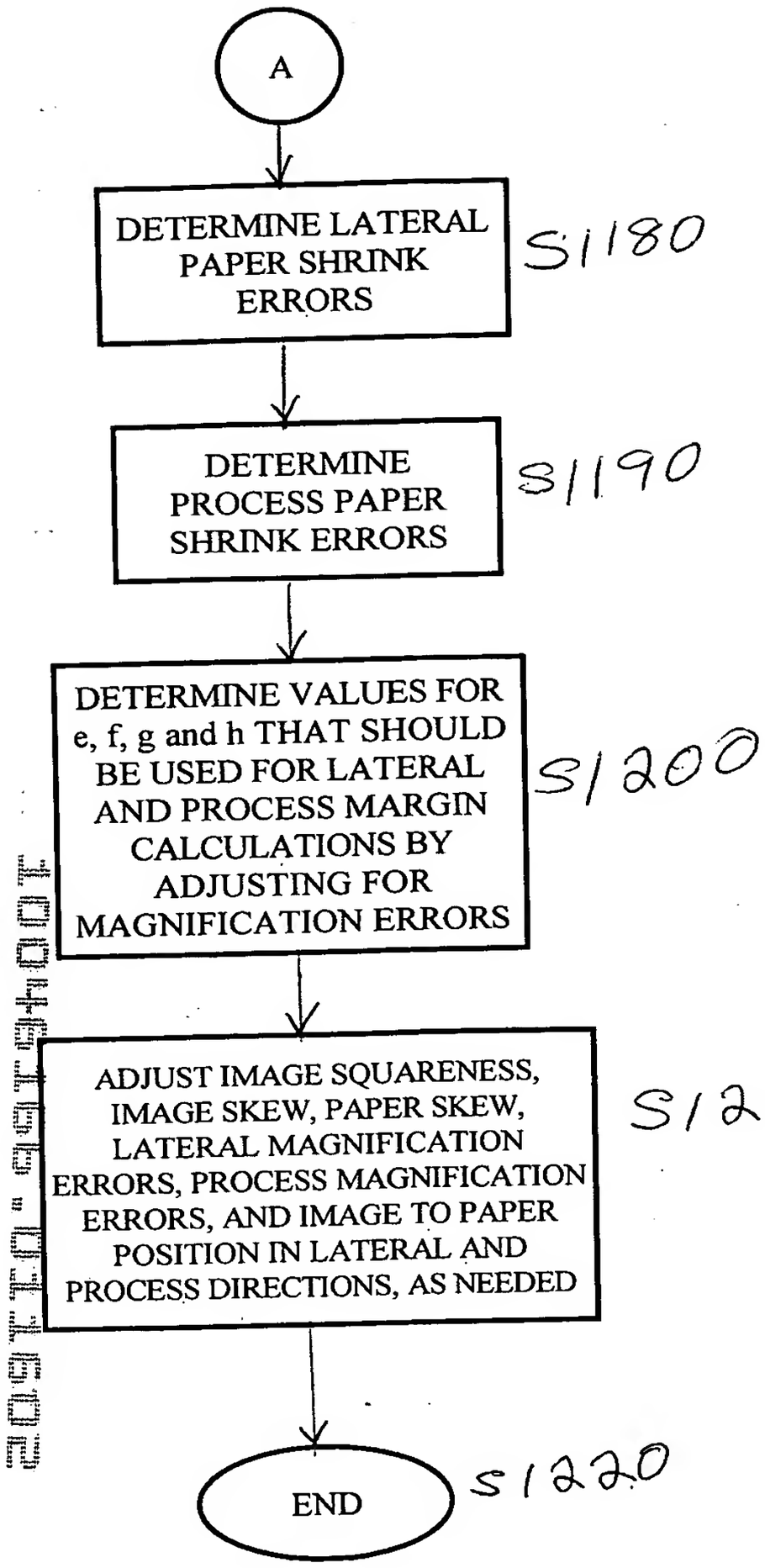
A
DETERMINE LATERAL PAPER SHRINK ERRORS
S1180
DETERMINE PROCESS PAPER SHRINK ERRORS
S1190
DETERMINE VALUES FOR e, f, g and h THAT SHOULD BE USED FOR LATERAL AND PROCESS MARGIN CALCULATIONS BY ADJUSTING FOR MAGNIFICATION ERRORS
S1200
ADJUST IMAGE SQUARENESS, IMAGE SKEW, PAPER SKEW, LATERAL MAGNIFICATION ERRORS, PROCESS MAGNIFICATION ERRORS, AND IMAGE TO PAPER POSITION IN LATERAL AND PROCESS DIRECTIONS, AS NEEDED
S1210
END
S1220

FIG. 13B

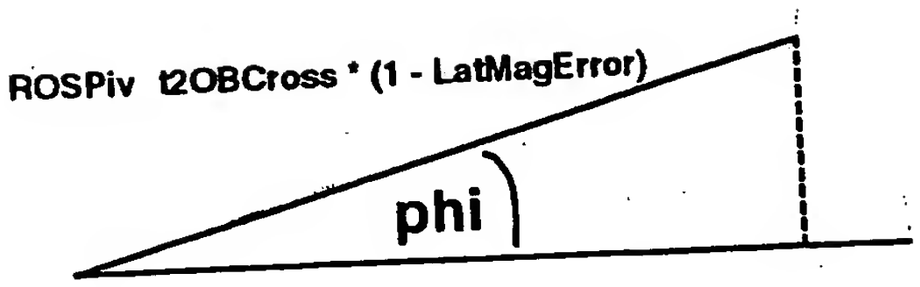

FIG. 12
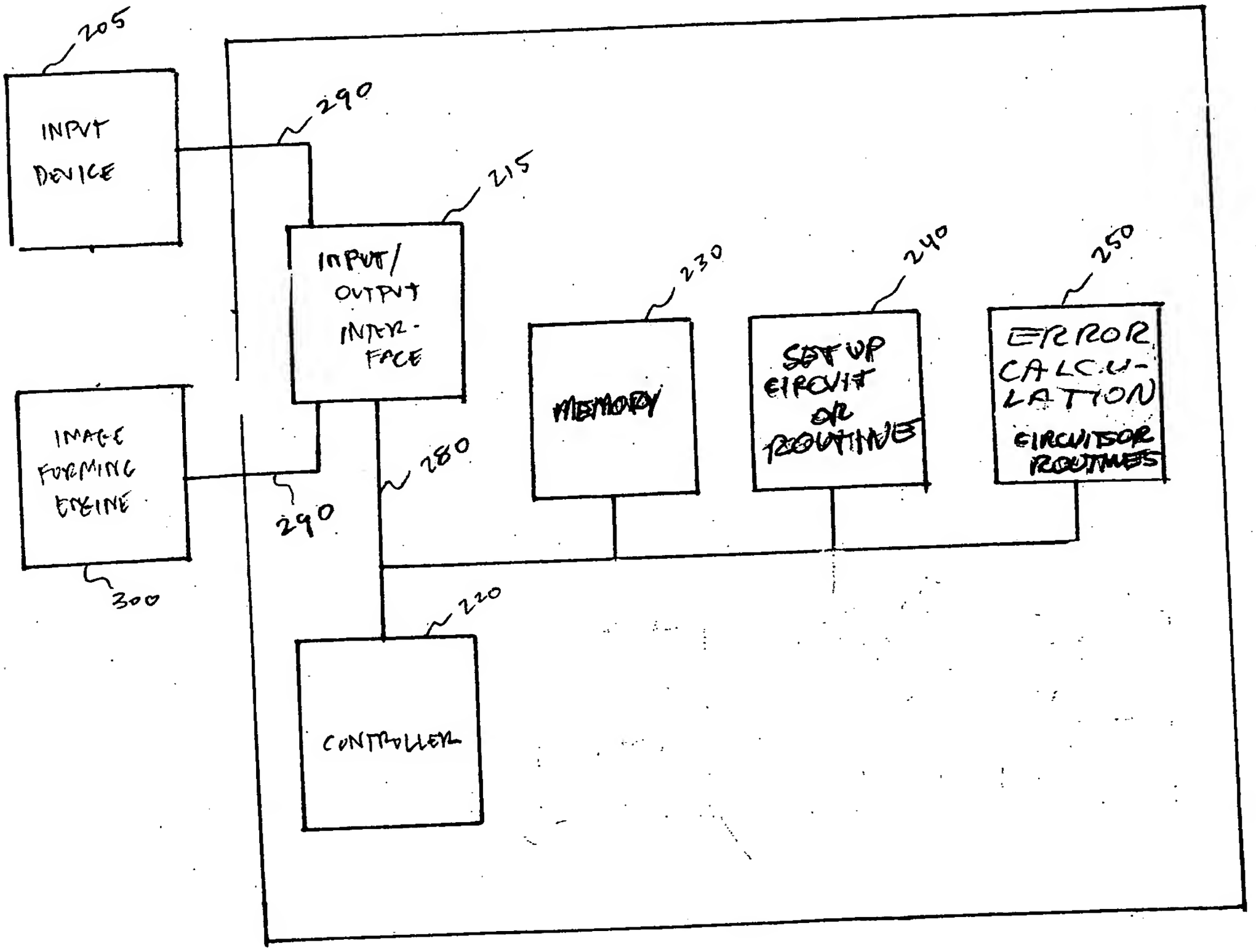
FIGURE 14